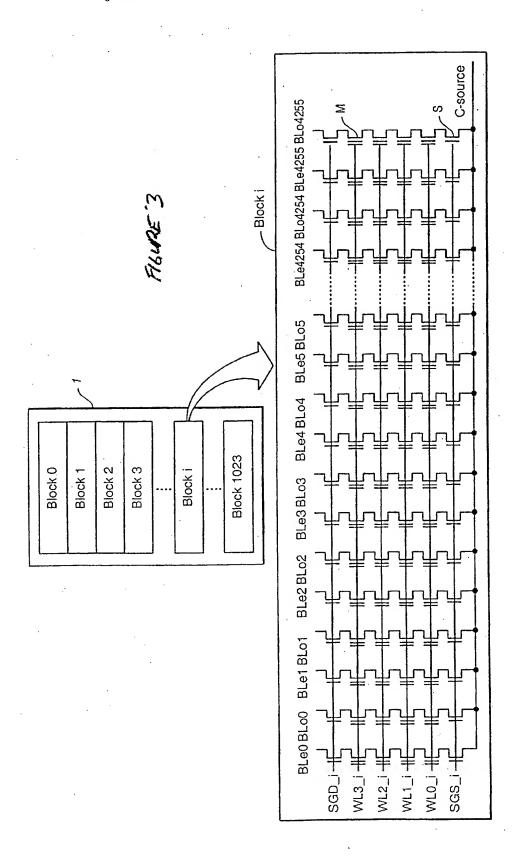


Appin. No.: Unknown Docket No.: SNDK.301US0
Title: Methods for Identifying Non-Volatile Memory Elements . . .
Inventors: Lutze et al. Exp. Mail: EV 321716341 US
Filing Date: Herewith Atty. Tel: (415) 318-1160 Sheet 3 of 8



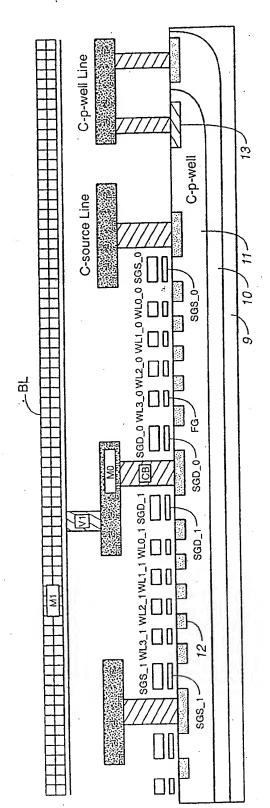


FIGURE4

Appln. No.: Unknown Docket No.: SNDK.301US0

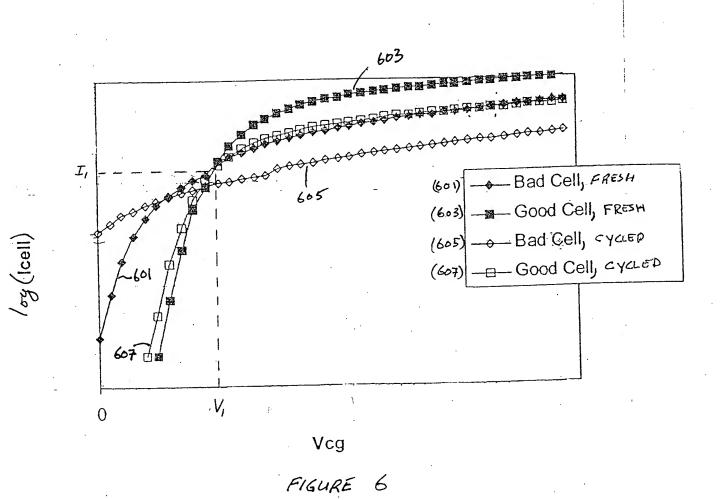
Title: Methods for Identifying Non-Volatile Memory Elements . . .

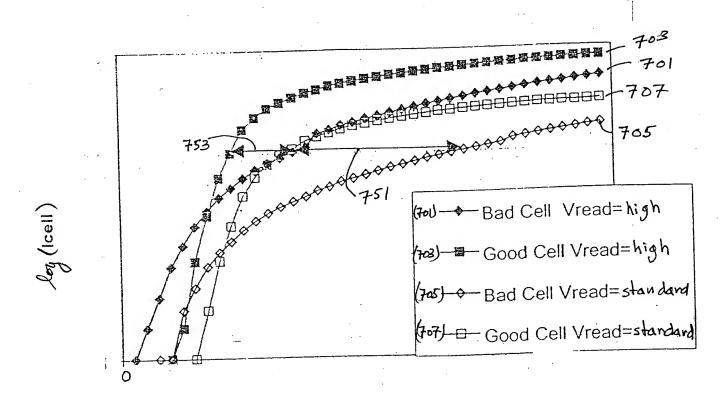
Inventors: Lutze et al. Exp. Mail: EV 321716341 US

Filing Date: Herewith Atty. Tel: (415) 318-1160 Sheet 5 of 8

Verify01	HorL	00	4.5V	4.5V	2.4V	4.5V	4.5V	4.5V	_ Λ0	۸٥
Verify00 for 2nd Pass	HorL	۸0 .	4.5V	4.5V	1.4V	4.5V	4.5V	4.5V	۸٥	Λ0
Verify00 for 1st Pass	HorL	Λ0	4.5V	4.5V	1.2V	4.5V	□ 4.5V	4.5V	.00	۸٥
Verify10 for 2nd Pass	HorL	۸٥	4.5V	4.5V	0.4V	4.5V	4.5V	4.5V	۸٥	۸٥
Verify10 for 1st Pass	HorL	00	4.5V	4.5V	0.2V	4.5V	4.5V	4.5V	۸٥	Λ0
Read01	HorL	۸٥	4.5V	4.5V	2V	4.5V	4.5V	4.5V	00	00
Read00 for 2nd Pass	HorL	0V	4.5V	4.5V	1V	4.5V	4.5V	4.5V	ŃΟ	۸0
Read00	HorL	۰,00	4.5V	4.5V	17	4.5V	4.5V	4.5V	٥٥	00
Read10 for 2nd Pass	HorL	00	4.5V	4.5V	00	4.5V	4.5V	4.5V	Λ0	Λ0
Read10 for 1st Pass	HorL	00	4.5V	4.5V	00	4.5V	4.5V	4.5V	Λ0	00
Read10	HorL	٥٨	4.5V	4.5V	٥٨	4.5V	4.5V	4.5V	۸0	00
Program Inhibition	Vdd	Vdd	ρρΛ	107	Vpgm	10V	10V	70	Λ0	۸٥
Program Promotion	Λ0	ρpΛ	pp^ 、	10V	Vpgm	10V	10V	Λ0	Λ0	, 00
Erase	Floating	Floating	Floating	۸٥	۸٥	۸٥	۸٥	Floating	Floating	20V
	вГв	ВЬо	SGD	WL3	WL2	₩L1	WLO	SGS	C-source	C-p-well

FIGURE 5





Vcg Figure 7

